



Government of Odisha
Department of Water Resources

Morning Flood Bulletin

Volume No.05

Date: 05.06.2025

Time: 10:00 Hr



Contents

- Rainfall Situation
- Status of Reservoirs
- River Discharge
- Status of River Gauge

Flood Cell

Office of the Engineer-in-Chief, Water Resources, Odisha
Secha Sadan, Bhubaneswar

Block wise significant Rainfall (mm) recorded during 24Hrs ending at 8:30 Hrs IST

Sl.No.	District	Block	RF (mm)
1	Dhenkanal	Bhuban	57
2	Khordha	Bolagarh	54
3	Khordha	Balianta	42
4	Jagatsinghpur	Tirtol	40
5	Nayagarh	Khandapara	38.3
6	Kandhamal	Phiringia	38
7	Sundargarh	Balisankara	38
8	Sundargarh	Lahunipara	38
9	Balasore	Balasore	36

DoWR Site Rainfall

Sl.No.	LOCATION	RF(mm)
1	Talsara Dam Site	50
2	Kukudakhundi_DoWR	36
3	Kansabahal	25
4	Rukura Dam Site	25
5	Hinjilicut_DoWR	22
6	Rengali Dam	19
7	Sub Division Office Padmapur	18
8	Rasol Section Office	17
9	Pitamahal Dam Site	14
10	Berhampur	10
11	Kuanria	7.6

River Discharge

Name of the River	G&D Site	Time (Hrs)	Discharge (Cusec)
Mahanadi (Up Stream Hirakud)	Champa	08:00	BG
	Tarapur	08:00	BG
	Saradihi	08:00	BG
	Deogaon	08:00	BG
Mahanadi (Down Stream Hirakud)	Khairmal	08:00	9,100
	Barmul	08:00	19,800
	Mundali	08:00	BG
Tel	Patharla	08:00	15,630

Status of Major Reservoirs

05.06.2025

Name of the Reservoir	Dead Storage Level	FRL/ MWL	Reservoir Level	LS Available/ Live Storage Capacity (%)	Last Year (2024) R.L./ Live Storage Avl (%)	Inflow	Total Outflow	Gates Open (Nos)/ Trend
1.Hirakud 09:00Hr	590.0 ft	630.0 ft	604.52 ft	<u>1101.0 Mcum</u> 4822.83Mcum (22.8 %)	<u>604.2 ft</u> 22.2%	1,604.0 Cusec	4,521.0 Cusec	0/98 Falling
2.Rengali 06:00Hr	109.72 m	<u>123.5 m</u> 125.4 m	110.61 m	<u>12727.0 Ham</u> 341371.0 Ham (3.7%)	<u>113.63 m</u> 19.7%	53.62 Cumec	103.28 Cumec	0/27 Falling
3.U. Indravati 08:00Hr	625.0 m	<u>642 m</u> 643 m	627.97 m	<u>18939.0Ham</u> 148550.0 Ham (12.8%)	<u>627.96 m</u> 12.7%	74.74 cumec	19.46 Cumec	0/12 Rising
4.UpperKolab 08:00Hr	844.0 m	858.0 m	847.43 m	<u>151.19 Mcum</u> 935.0 Mcum (16.2%)	<u>849.91 m</u> 29.1%	6.73 Cumec	23.68 Cumec	0/11 Falling
5.Balimela 08:00Hr	1440.0 ft	<u>1516 ft</u> 1518 ft	1459.5 ft	<u>45096.0 Ham</u> 267600.0 Ham (16.9%)	<u>1460.2 ft</u> 17.5%	1,957.0 Cusec	2,998.0 Cusec	0/12 Falling
6.Machhkund (Jalaput) 08:00Hr	2685.0 ft	2750.0 ft	2728.5 ft	<u>42911.0 Ham</u> 89254.7 Ham (48.1%)	<u>2697.7 ft</u> 8.3%	336.57 Cusec	1725.46 Cusec	1/12 Falling
7.Salandi 06:00 Hr	50.24 m	<u>82.3 m</u> 83.21m	75.3 m	<u>34431.0 Ham</u> 55650.0 Ham (61.9%)	<u>72.3 m</u> 48.2%	1.13 Cumec	1.13 Cumec	0/11 Constant
8.LowerIndra 08:00Hr	251.0 m	<u>265 m</u> 265 m	259.84 m	<u>13816.8 Ham</u> 33227.0 Ham (41.6%)	<u>261.1 m</u> 59.8%	2.77 Cumec	2.77 Cumec	0/09 Constant
9.LowerSuktel 08:00Hr	197.0 m	<u>206 m</u> 206 m	182.0 m	<u>0.0 Ham</u> 26343.0 Ham (0.0%)	-	0.0 Cumec	0.0 Cumec	0/12 Constant
10.Kanpur 08:00Hr	425.0 m	<u>440 m</u> 440 m	420.0 m	<u>0.0 Ham</u> 26897.0 Ham (0.0%)	-	0.0 Cumec	0.0 Cumec	0/12 Constant

Note: Total Outflow consists of Irrigation, Spillway, Sluice, Power generation, Industrial & other supply and Evaporation loss *U Indravati-7 gates, Muran Dam-5 gates (Total-12 Nos)

Average Inflow into & Outflow from Reservoir

Reservoir	Inflow	Outflow	Observation Period
Hirakud	1,604.0 Cusec	4,521.0 Cusec	During last 24 Hrs ending 08:00Hrs of 05.06.2025
Rengali	53.62 Cumec	103.28 Cumec	During last 24 Hrs ending 06:00Hrs of 05.06.2025

Travel Time of Flow in Mahanadi River

Hirakud Dam	115 km	Khairmal	106 km	Barmul	95 km	Mundali
	12-18 Hrs		12-16 Hrs		12-16 Hrs	

Status of Gauge (in metre)

05.06.2025

Name of River	Gauge Site	Danger Level (DL)	Warning Level	Time (Hrs)	Present Level	Trend	(wrt DL)	Highest Recorded Level	
								Level	Date
Mahanadi	Khairmal	109.0	108.0	09:00	100.14	F	-8.86	108.31	19.09.08
	Tikarpara	-	-	09:00	54.95	S	-	74.98	30.08.82
	Naraj (IB)	26.41	25.41	09:00	21.44	S	-4.97	27.6	31.08.82
Kusabhadra	Nimapara	10.76	9.85	09:00	2.7	S	-8.06	11.6	31.08.82
Devi	Alipingala	11.76	10.85	09:00	1.27	S	-10.49	13.05	20.09.08
Brahmani	Panposh	178.42	177.51	09:00	171.18	S	-7.24	181.44	24.09.11
	Rengali	88.0	-	08:00	76.6	S	-11.40	92.25	18.08.75
	Talcher	62.91	-	09:00	53.76	S	-9.15	65.53	19.08.75
	Jenapur	23.0	22.0	09:00	17.76	R	-5.24	24.78	20.08.75
	Indupur	8.23	-	09:00	2.03	S	-6.20	-	-
Baitarani	Champua	376.41	375.33	09:00	370.84	S	-5.57	379.06	23.09.11
	Swampatna	311.1	-	09:00	304.84	F	-6.26	315.66	14.08.75
	Anandapur	38.36	37.44	09:00	31.99	S	-6.37	41.35	23.09.11
	Akhuapada	18.33	17.83	09:00	15.43	F	-2.90	21.95	16.08.60
Budhabalanga	Chandanpur	-	-	09:00	81.2	S	-	85.8	09.11.95
	Baripada	30.92	29.70	09:00	21.38	S	-9.54	34.82	13.10.13
	Balimundali	-	-	09:00	36.66	S	-	42.2	1995
	NH5-Govindapur	8.13	7.21	09:00	1.16	F	-6.97	9.67	12.10.73
Subarnarekha	Jamshedpur	123.5	122.5	09:00	115.34	S	-8.16	129.82	12.10.73
	Jamsolaghat	49.16	48.32	09:00	43.58	S	-5.58	56.76	03.09.78
	Rajghat	10.36	9.45	09:00	3.81	S	-6.55	12.69	19.06.08
Jalaka	Mathani Road Bridge	6.5	6.0	09:00	NR	-	-	7.31	22.09.21
Rushikulya	Sorada	81.99	80.99	09:00	76.89	S	-5.10	83.21	04.11.90
	Madhabarida	60.65	-	09:00	56.08	S	-4.57	61.44	18.10.99
	Purusottampur	16.84	15.84	09:00	11.24	S	-5.60	19.66	04.11.90
Vansadhara	Gudari	-	-	09:00	114.29	S	-	121.82	17.09.80
	Gunupur	84.0	83.0	09:00	79.85	S	-4.15	88.75	17.09.80
	Kashinagar	54.6	54.1	09:00	52.18	R	-2.42	58.93	18.09.80

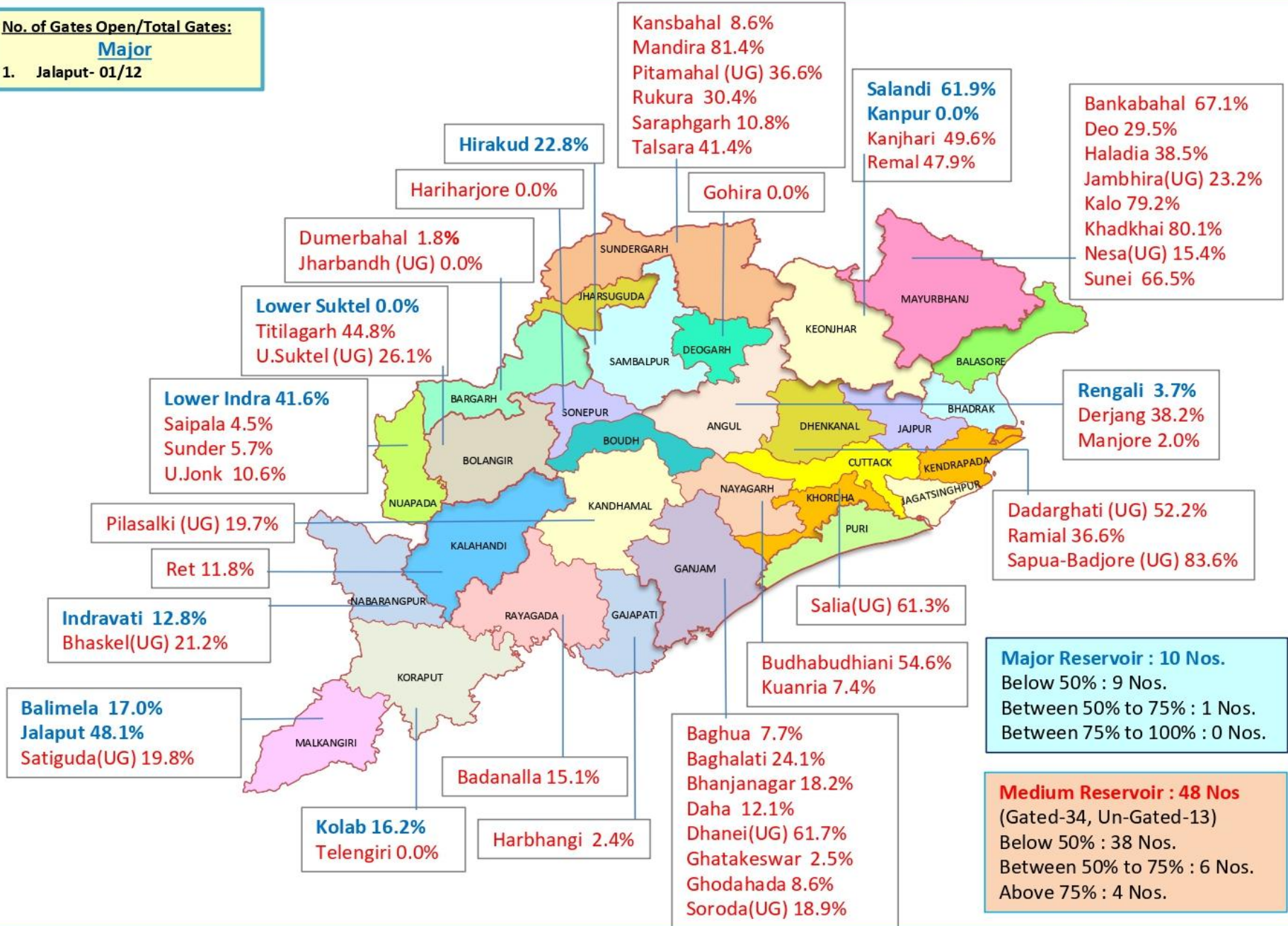
Source: All Gauge stations (CWC), Jalaka (DoWR)

AVAILABLE LIVE STORAGE CAPACITY OF MAJOR & MEDIUM RESERVOIRS (05.06.2025)

No. of Gates Open/Total Gates:

Major

1. Jalaput- 01/12



भारत सरकार
भारतमौसमविज्ञानविभाग
(पृथ्वी विज्ञान मंत्रालय)
पता :मौसमविज्ञानकेन्द्र, भुवनेश्वर
फोन न.२५९६०१०&२५९६११६
फैक्स न.२५९६०१०&२५९६०९३



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Dated: 05/06/2025

Time of Issue:0930 hrsIST

QPF Bulletin
River Sub-basin-wise Quantitative Precipitation Forecast

S. No.	Basin Name	Sub-basin Name	QPF (mm)						
			Day-1 (05.06.25)	Day-2 (06.06.25)	Day-3 (07.06.25)	Day-4 (08.06.25)	Day-5 (09.06.25)	Day-6 (10.06.25)	Day-7 (11.06.25)
1	BAITRANI	BT	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
2	LOWER BRAHMANI	LB	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
3	UPPER BRAHMANI	UB	0.1-10	0.1-10	0	0	0.1-10	0.1-10	0.1-10
4	BHURABALANG	BB	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
5	LOWER MAHANADI	LM	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
6	NAGAVALI	NV	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
7	RUSHIKULIYA	RK	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
8	SUBERNAREKHA	SR	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
9	UPPER MAHANADI	UM	0.1-10	0.1-10	0	0	0.1-10	0.1-10	0.1-10
10	VAMSDHARA	VD	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10

Flood Met. Office,BHUBANESWAR

QPF categories (mm)	0	0.1-10	11-25	26-37	38-50	51-75	76-100	>100
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Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day